

Product Specification

Vitamin C (Ascorbic Acid)

General Information	
Products Name	Vitamin C (Ascorbic Acid)
CAS No.	50-81-7
HS Code	29329990
Specification	FCC/USP
BASIC ANALYSIS	
Analysis	Description
Appearance	White or almost white crystalline powder
Identification	Positive Reaction
Assay	99.0~100.5%
Melting Point	About 190℃
PH (with 5% water solution)	2.1-2.6
Clarity of solution	Clear
Colour of solution	≤ BY7
Methanol, %	≤0.1%
PH(10% aqueous solution)	5.0-7.0
Oxalic acid	≤ 0.2%
Iron	≤ 2ppm
Loss on drying	≤ 0.4%
Sulphate ash (residual on ignition)	≤ 0.1%
Heavy Metals	≤ 10ppm
Mercury	≤ 0.1ppm
Lead	≤ 2ppm
Arsenic	≤ 3ppm
Cadmium	≤ 1ppm
Microbial Analysis	
Total Plate Count	≤ 250
Total Yeast & Mold	≤ 50
Coliforms	≤ 3
E. Coli	Negative
Salmonella	Negative

ADDITIONAL INFORMATION

Product Description	Ascorbic Acid powder, known as Vitamin C, E300, Food antioxidant, CAS no. 50-81-7, Chemical Formula C ₆ H ₈ O ₆ . Ascorbic acid is a water-soluble, sugar-based acid with strong antioxidant properties. Manufacturing process by fermentation technique. Ascorbic Acid takes part in many metabolism procedures in the human body, helps decrease brittleness of blood capillaries and increase body resistance.
Applications and Uses	Vitamin C (Ascorbic Acid) comes in a white crystalline powder and is used as an antioxidant. Other purposes include nutritional supplement, preservative and to improve dough quality. Applications include sport beverages, functional foods and beverages.
Packaging	25kg / drum; paper drum, 5kg / PE-bag; 1kg / PE-bag Inner-Packaging filled in PE-bag, filled in second PE bag PE Bags:food grade
Shelf life	3 years when properly stored Store at room temperature or lower, keep tightly closed, protect from light, humidity and insects
Safety and quality	The powder is produced in a GMP environment under strict control, which conforms to the relevant laws and regulations of the state.
Kosher Certified	Ascorbic Acid is general recognized as Kosher classified as Parve.
Halal Certified	Ascorbic Acid is common form of vitamin C, available as White or almost white crystal or crystalline powder, generally recognized as halal. We will still audit another 2 key points to make sure that our Ascorbic Acid is 100% halal: Are there any pig products used in manufacturing process of this ingredient? Does the ingredient contain Alcohol (impure) or other haraam ingredients.
Gluten Free	Ascorbic Acid is general recognized as Kosher classified as Parve.